- 1. An adhesive applicator apparatus for putting into practice a method of adjusting the height <u>a</u> of a nip (53) between an adhesive applicator roll (5) and a nip roll (10) of an adhesive applicator apparatus for a web of corrugated board (47), comprising
- 5 a frame (1);

frame (1).

10

15

- an adhesive applicator roll (5), which is disposed in the frame (1) and drivable in rotation about a central longitudinal axis (8);
- a nip roll (10), which is disposed in the frame (1) and drivable in rotation about a central longitudinal axis (11), at least one of the applicator roll (5) and the nip roll (10) being a displaceable roll;
- a nip (53) between the adhesive applicator roll (5) and the nip roll (10) for a web of corrugated board to pass through, which comprises at least one liner web (50) and a corrugated web (49);
- a force sensitive device (34) for detection of an actual force which acts vertically on the web of corrugated board (47) in the nip (53);
 - a distance adjusting device (36) for modification of the height <u>a</u> of the nip (53) by displacement of the applicator roll (5) and the nip roll (10) relative to each other substantially on a plane that is spanned by the central longitudinal axes (8, 11); and
- a control unit (43) for comparison of the actual force with a given nominal force in the nip (53) and for triggering the distance adjusting device (36).
- An adhesive applicator apparatus according to claim 1, wherein one roll
 (5) of the applicator roll (5) and the nip roll (10) is stationarily lodged in the frame (1); and
 wherein the other roll (10) of the nip roll (10) and the applicator roll (5) is lodged in bearing levers (13, 14), which are pivotably lodged in the

- 3. An adhesive applicator apparatus according to claim1, wherein the adhesive applicator roll (5) is lodged stationarily in the frame (1); and wherein the nip roll (10) is displaceable relative to the adhesive applicator roll (5).
 - 4. An adhesive applicator apparatus according to claim 1, wherein a nip pressure actuation (19) is coupled with at least one displaceable roll (10) of said applicator roll (5) and said nip roll (10), exercising a given constant force on this roll (10).

10

- 5. An adhesive applicator apparatus according to claim 1, wherein a nip pressure adjusting device (32) acts on the at least one displaceable roll (10).
- 6. An adhesive applicator apparatus according to claim 5 whereing the force sensitive device (34) and the distance adjusting device (36) act on the at least one displaceable roll (10).